

In the Claims:

Please amend claims 52 and 53 as shown below:

52.(Amended) The method of claim 51, wherein said subsequently determining a second time the conduction characteristics of the storage unit is in response to error control coding result.

~~unit for applying the set of read voltages to the memory storage unit, the set of read voltages comprising:~~

~~a sense voltage condition; and~~

53.(Amended) A non-volatile memory, comprising:

a memory storage unit;

a sense amplifier connected to the memory storage unit for determining the state of the memory storage unit in response to a set of read voltages; and

drivers connected to the memory storage unit for applying the set of read voltages to the memory storage unit, the set of read voltages comprising:

a sense voltage condition; and

an episodic stimulus voltage condition.